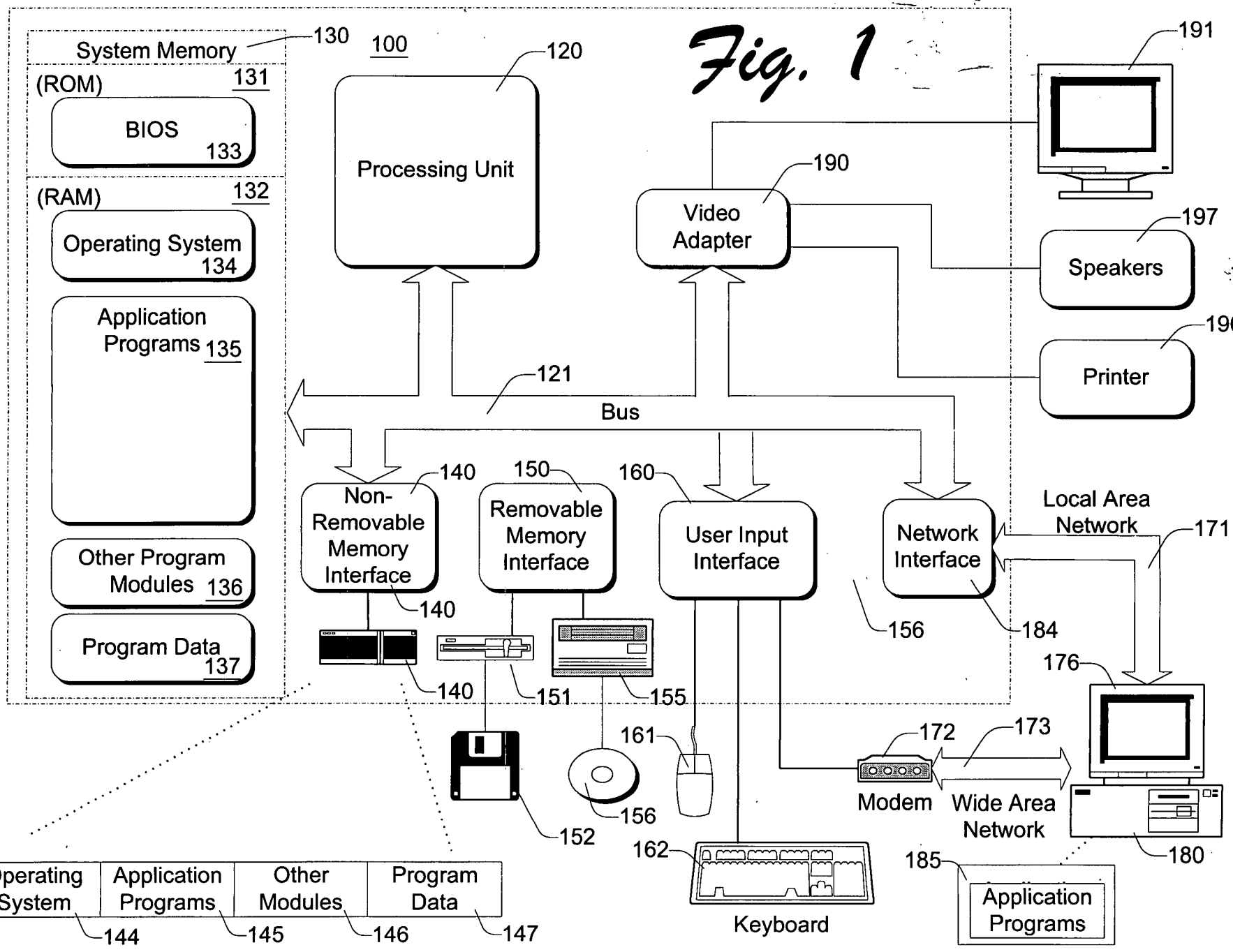
Fig. 1
System Memory
130
100
(ROM)
131
BIOS
133
(RAM)
132
Operating System
134
Application Programs
135
Other Program Modules
136
Program Data
137
Processing Unit
120
Video Adapter
190
191
Speakers
197
Printer
196
121
Bus
Non-Removable Memory Interface
140
Removable Memory Interface
150
User Input Interface
160
Network Interface
Local Area Network
171
156
184
176
140
151
155
161
172
173
Modem
Wide Area Network
180
152
156
162
185
Application Programs
Keyboard
Operating System
144
Application Programs
145
Other Modules
146
Program Data
147

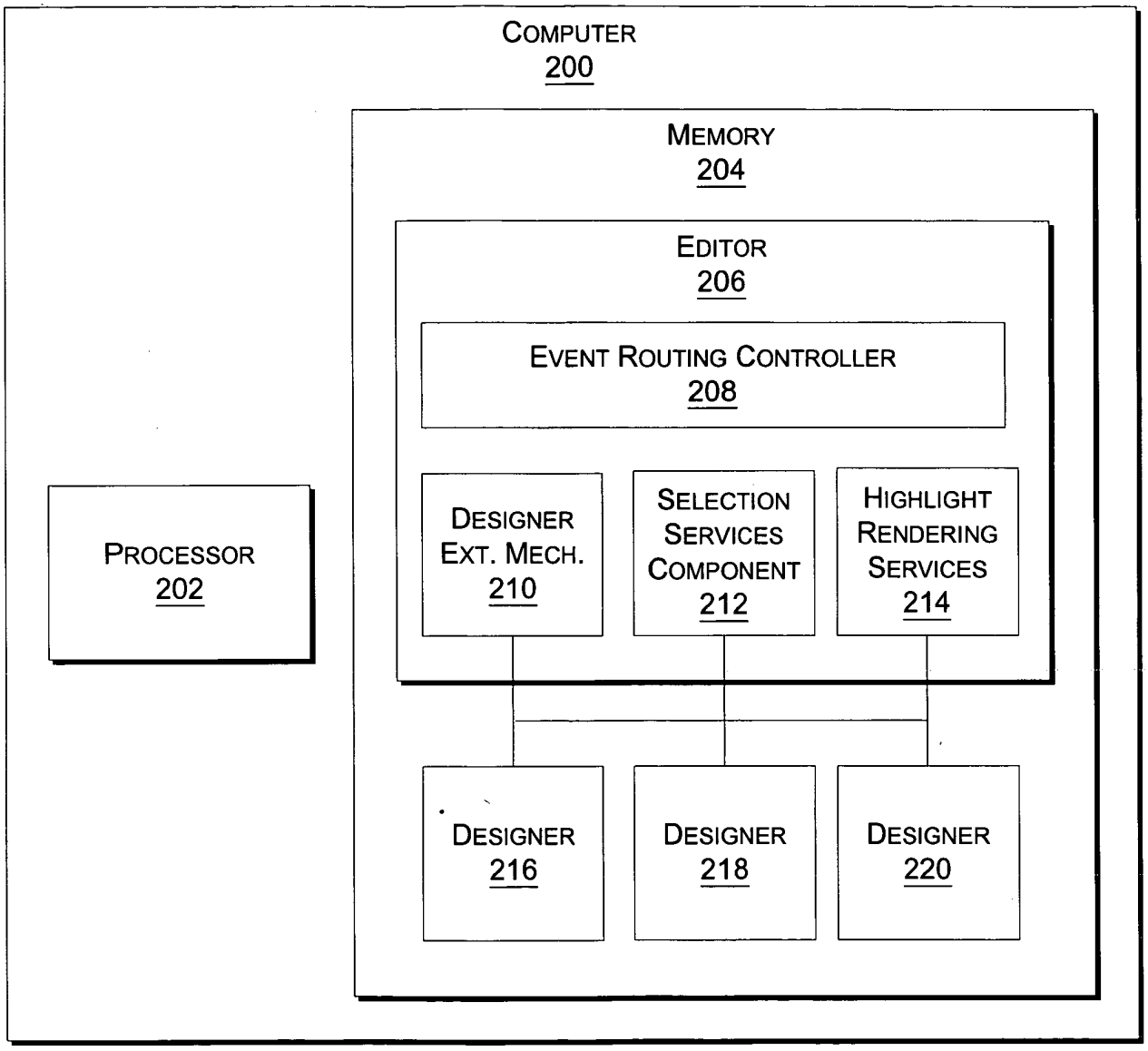
COMPUTER
200
MEMORY
204
EDITOR
206
EVENT ROUTING CONTROLLER
208
PROCESSOR
202
DESIGNER EXT. MECH.
210
SELECTION SERVICES COMPONENT
212
HIGHLIGHT RENDERING SERVICES
214
DESIGNER
216
DESIGNER
218
DESIGNER
220

Fig. 2

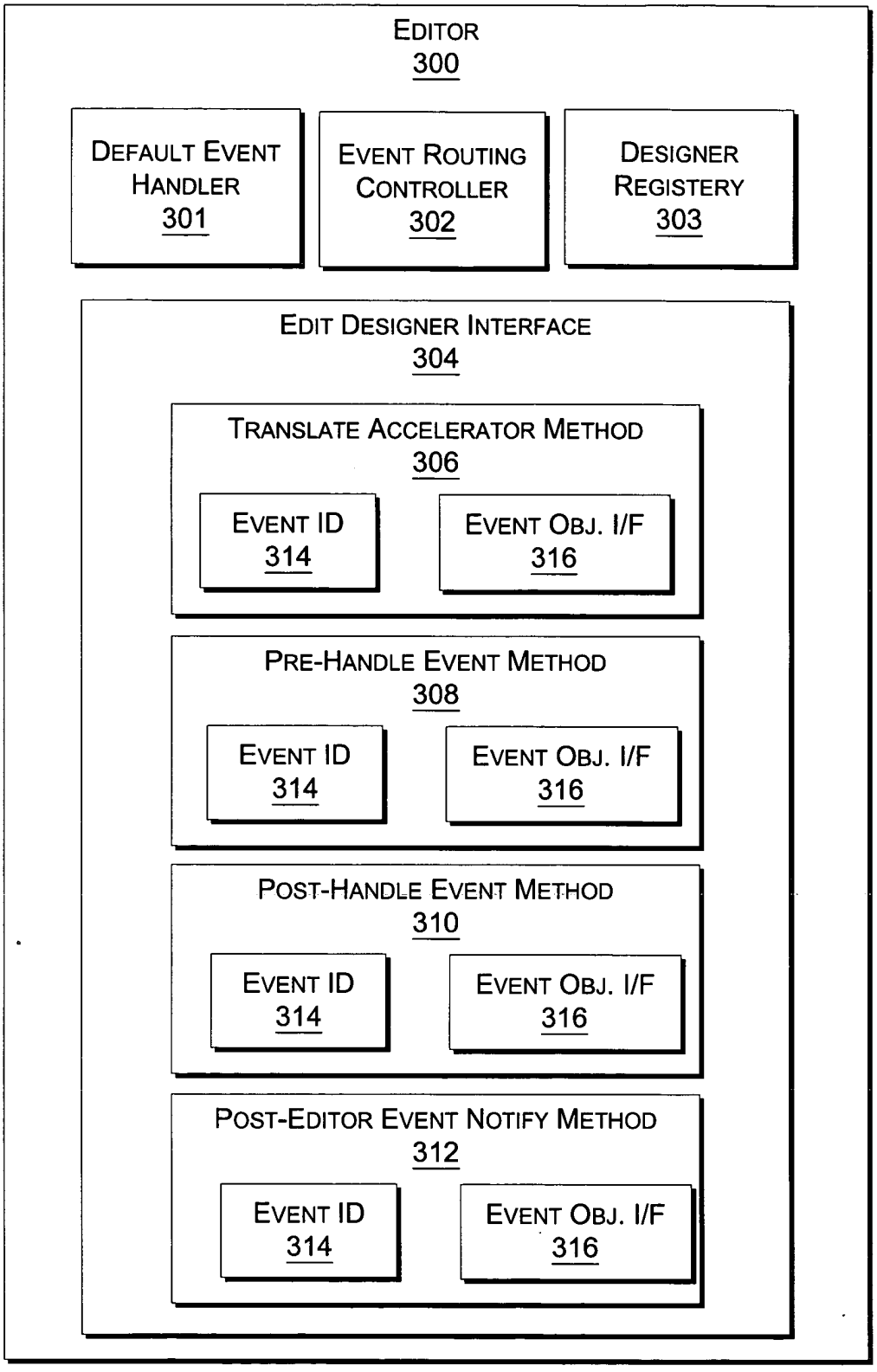
EDITOR
300
DEFAULT EVENT HANDLER
301
EVENT ROUTING CONTROLLER
302
DESIGNER REGISTERY
303
EDIT DESIGNER INTERFACE
304
TRANSLATE ACCELERATOR METHOD
306
EVENT ID
314
EVENT OBJ. I/F
316
PRE-HANDLE EVENT METHOD
308
EVENT ID
314
EVENT OBJ. I/F
316
POST-HANDLE EVENT METHOD
310
EVENT ID
314
EVENT OBJ. I/F
316
POST-EDITOR EVENT NOTIFY METHOD
312
EVENT ID
314
EVENT OBJ. I/F
316

Fig. 3

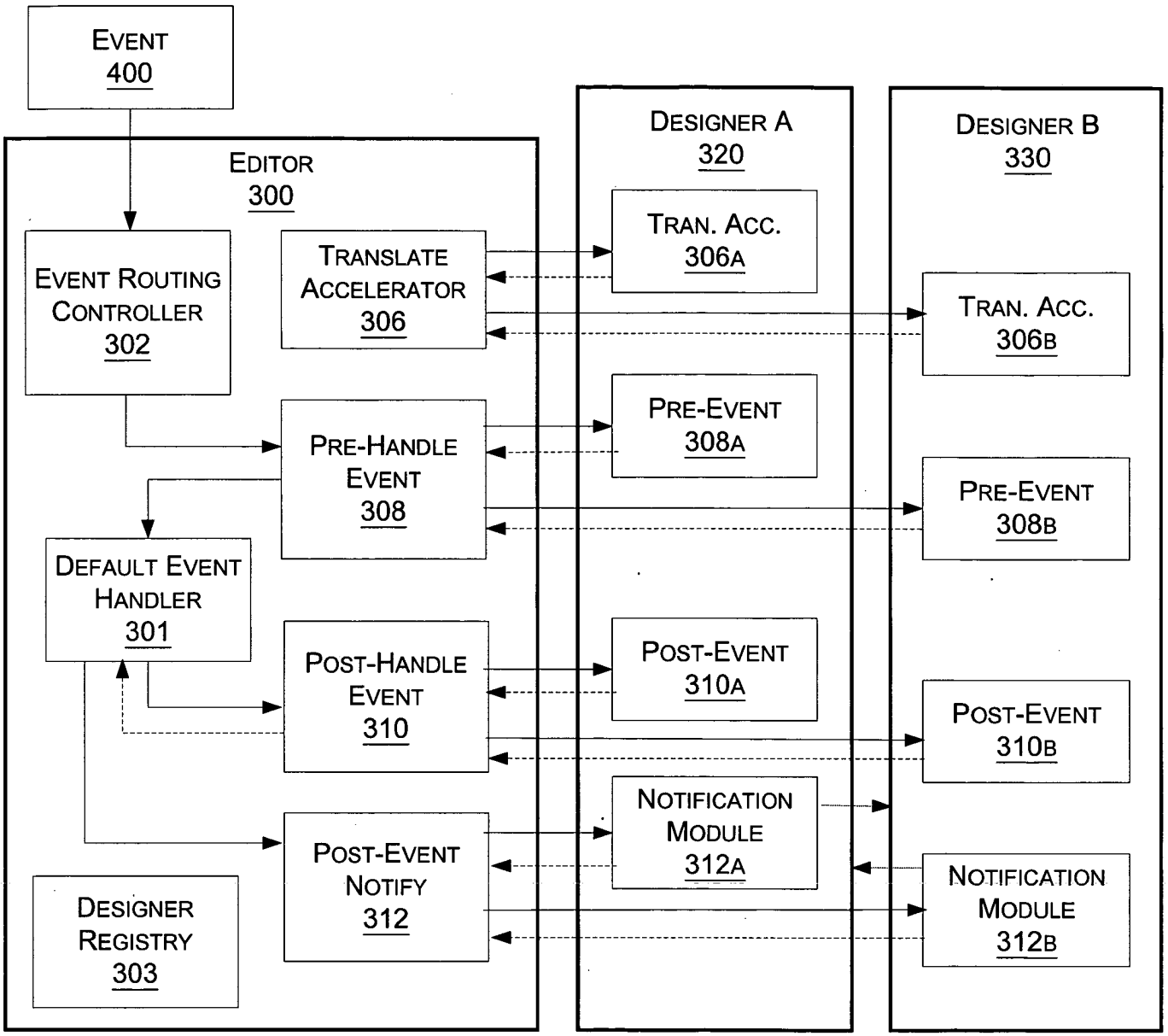
EVENT
400
EDITOR
300
EVENT ROUTING CONTROLLER
302
TRANSLATE ACCELERATOR
306
PRE-HANDLE EVENT
308
DEFAULT EVENT HANDLER
301
POST-HANDLE EVENT
310
POST-EVENT NOTIFY
312
DESIGNER REGISTRY
303
DESIGNER A
320
TRAN. ACC.
306A
PRE-EVENT
308A
POST-EVENT
310A
NOTIFICATION MODULE
312A
DESIGNER B
330
TRAN. ACC.
306B
PRE-EVENT
308B
POST-EVENT
310B
NOTIFICATION MODULE
312B

Fig. 4

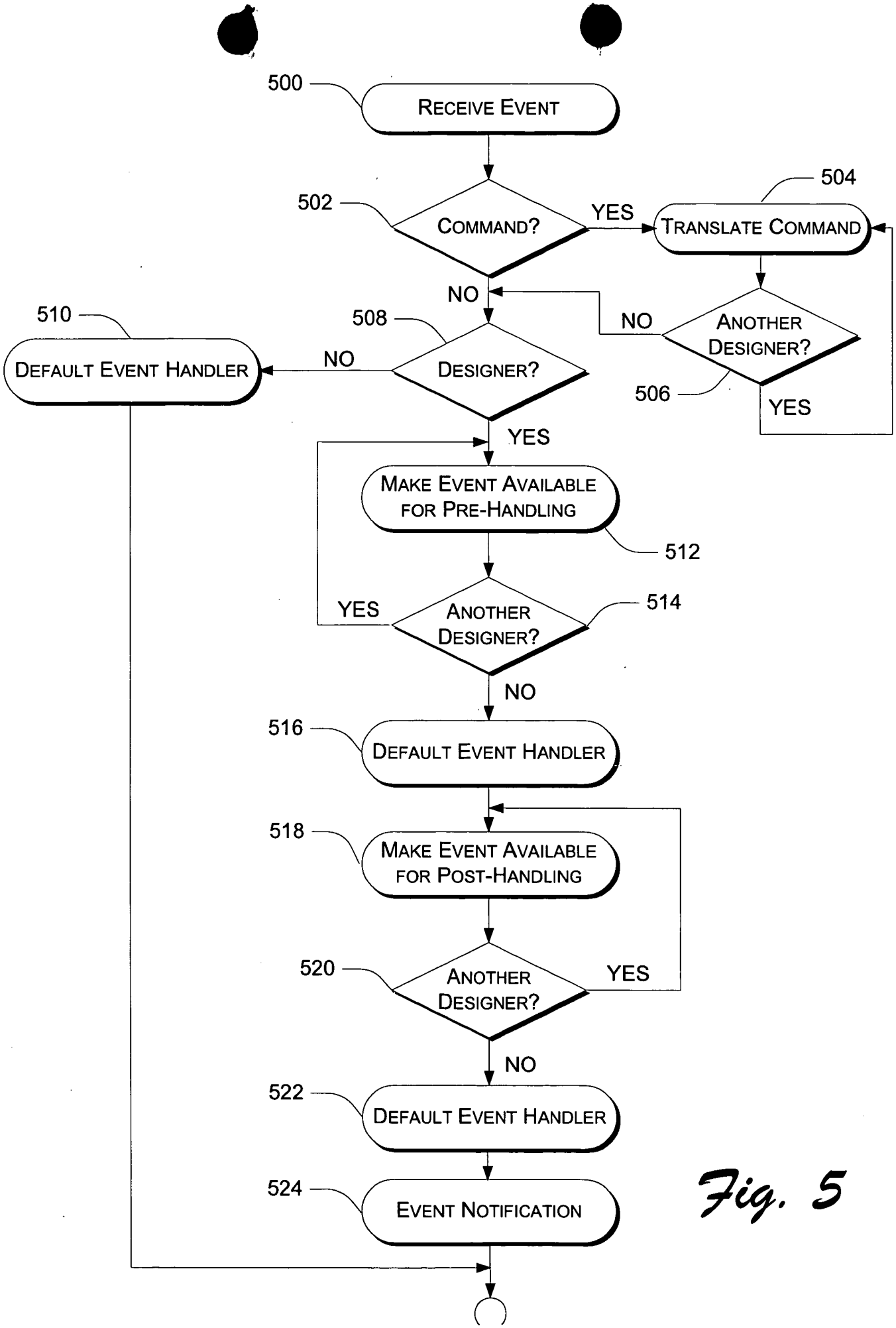
500
RECEIVE EVENT
502
COMMAND?
YES
504
TRANSLATE COMMAND
NO
ANOTHER DESIGNER?
NO
506
YES
510
DEFAULT EVENT HANDLER
508
DESIGNER?
NO
YES
MAKE EVENT AVAILABLE FOR PRE-HANDLING
512
YES
ANOTHER DESIGNER?
514
NO
516
DEFAULT EVENT HANDLER
518
MAKE EVENT AVAILABLE FOR POST-HANDLING
520
ANOTHER DESIGNER?
YES
NO
522
DEFAULT EVENT HANDLER
524
EVENT NOTIFICATION

Fig. 5

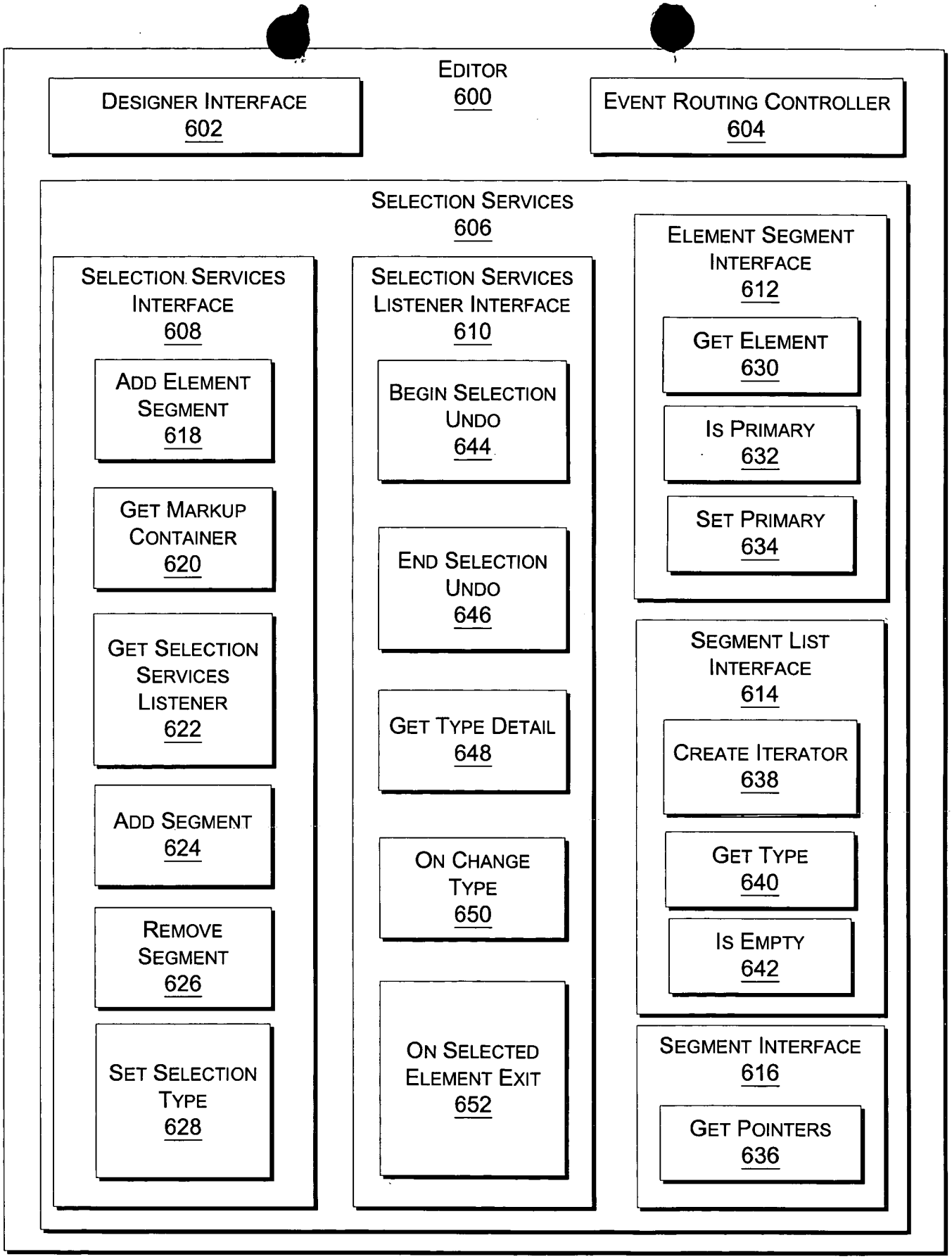
EDITOR
600
DESIGNER INTERFACE
602
EVENT ROUTING CONTROLLER
604
SELECTION SERVICES
606
SELECTION SERVICES INTERFACE
608
ADD ELEMENT SEGMENT
618
GET MARKUP CONTAINER
620
GET SELECTION SERVICES LISTENER
622
ADD SEGMENT
624
REMOVE SEGMENT
626
SET SELECTION TYPE
628
SELECTION SERVICES LISTENER INTERFACE
610
BEGIN SELECTION UNDO
644
END SELECTION UNDO
646
GET TYPE DETAIL
648
ON CHANGE TYPE
650
ON SELECTED ELEMENT EXIT
652
ELEMENT SEGMENT INTERFACE
612
GET ELEMENT
630
IS PRIMARY
632
SET PRIMARY
634
SEGMENT LIST INTERFACE
614
CREATE ITERATOR
638
GET TYPE
640
IS EMPTY
642
SEGMENT INTERFACE
616
GET POINTERS
636

Fig. 6

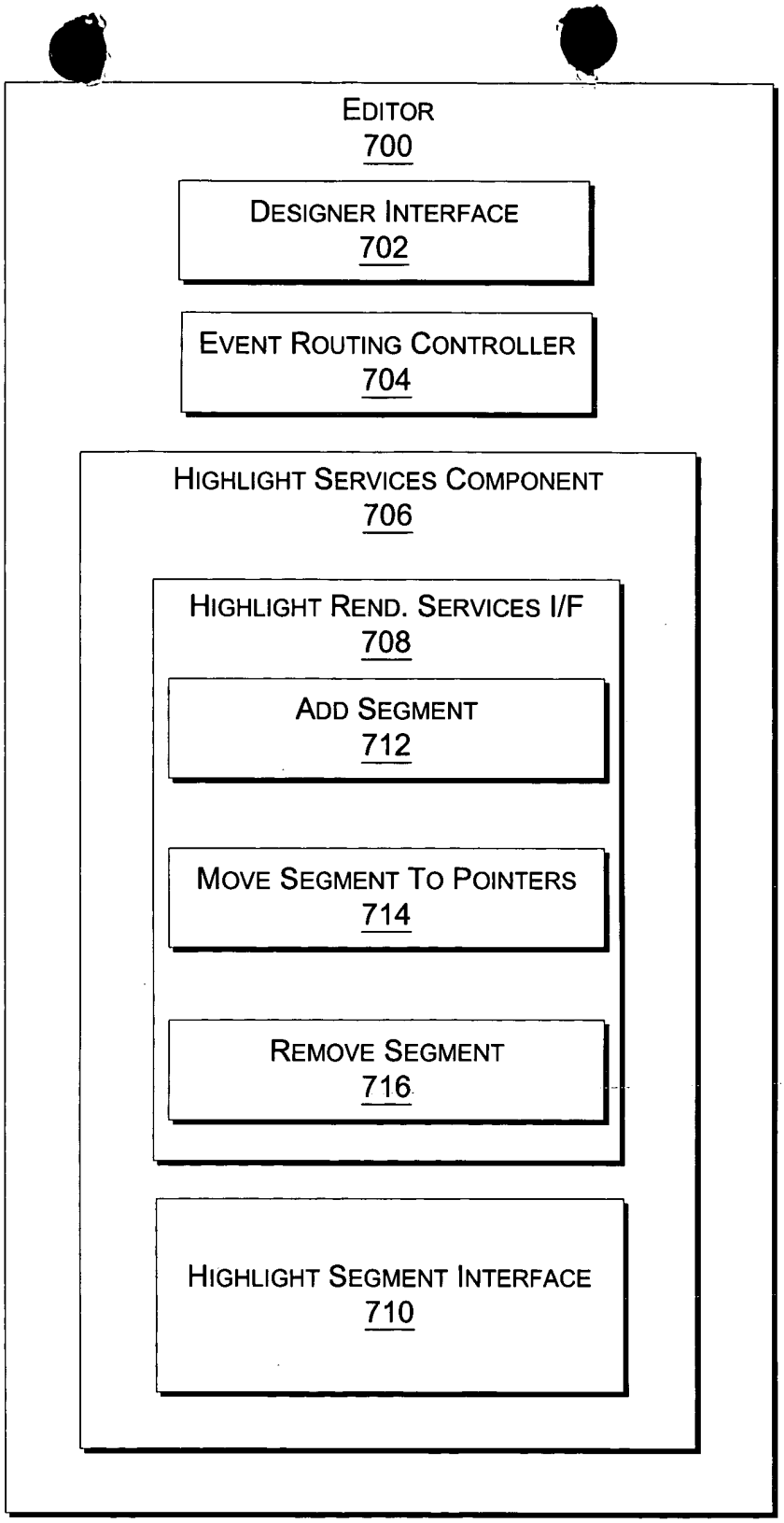
EDITOR
700
DESIGNER INTERFACE
702
EVENT ROUTING CONTROLLER
704
HIGHLIGHT SERVICES COMPONENT
706
HIGHLIGHT REND. SERVICES I/F
708
ADD SEGMENT
712
MOVE SEGMENT TO POINTERS
714
REMOVE SEGMENT
716
HIGHLIGHT SEGMENT INTERFACE
710

Fig. 7